

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO	APPLICATION NO
	10589-034-999	10/551,300
	APPLICANT Trotta	
	FILING DATE	ART UNIT
	November 29, 2006	1639

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR
	A20	2004/0219545	11/04/04	Rando et al.	
	A21	2005/0142545	06/30/05	Conn et al.	
	A22	2005/0221368	10/06/05	Rana et al.	
	A23	2006/0228730	10/12/2006	Rando et al.	
	A24	2006/0194234	8/31/2006	Conn et al.	
	A25	6,875,736	04/05/05	Rana et al.	
	A26	6,583,309	06/24/03	Rana et al.	
	A27	6,503,713	01/07/03	Rana et al.	

## FOREIGN PATENT DOCUMENTS

		FOREIGN PATENT DOCUMENT COUNTRY CODE, NUMBER, KIND CODE (IF KNOWN)	DATE	NAME	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR	T
	B19	EP 0177827 B1	11/18/1993	Hoechst Aktiengesell-Schaft		
	B20	CN 1328156 (English Abstract included)	12/26/01	Wuhan Inst Of Virology Chinese		
	B21	CA 1,340,280	12/22/1998	Hoechst Aktiengesell-Schaft		
	B22	WO 01/53455	07/26/01	Hyseq, Inc.		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials		(Include name of the author (in CAPITAL LETTERS), Title, Date, Pertinent Pages, Etc.)	T
	C78	BRANDEN et al., 1991, Chapter 16: Prediction, Engineering, and Design of Protein Structures" in Introduction to Protein Structure, Garland Publishing, Inc., p.247	
	C79	BROWN, 1993, Hybridization Analysis of DNA Blots, in Current Protocols in Molecular Biology, p. 2.10.1-2.10.11	
	C80	GENBANK Accession No: AAH19582, "tRNA splicing" dated January 3, 2002	
	C81	GENBANK Accession No.: BC019582, "Homo sapiens TRNA" dated January 3, 2002	
	C82	GENBANK: Accession No: NP_079541; "tRNA splicing endonuclease 2 homolog [Homo sapiens]," dated March 2, 2006	
	C83	GENBANK: Accession No: NT_005927.12; "Homo sapiens chromosome 3 reference genomic contig," dated August 1, 2002"	

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C84	GENBANK: Accession No: NT_011225.9; "Homo sapiens chromosome 19 reference genomic contig," dated August 1, 2002	
C85	GENBANK: Accession No: XP_085899; "similar to LENG5 protein [Homo sapiens]," dated August 1, 2002	
C86	GENBANK Accession No.: CAA19575, "tRNA-splicing endonuclease subunit Sen34 [Schizosaccharomyces pombe]," dated June 30, 2009	
C87	GENBANK Accession No.: CAA21061, "tRNA-splicing endonuclease subunit Sen54 (predicted) [Schizosaccharomyces pombe]," dated June 30, 2009	
C88	GENBANK Accession No.: CAD27500, "tRNA-splicing endonuclease subunit Sen2 [Schizosaccharomyces pombe]," dated June 30, 2009	
C89	GENBANK Accession No.: CAE46913; "tRNA-splicing endonuclease subunit Sen15 [Schizosaccharomyces pombe]," dated June 30, 2009	
C90	HERRENKNECHT, 1988, "Pre t-RNA splicing in a nuclear extract from human leukemia cells: separation of endonuclease and ligase activities." Nuc. Acids Res. 16:7713-7714	
C91	LUCAS et al., 2000, "Yeast Sequencing Report: Sequence analysis of two cosmids from the right arm of the <i>Schizosaccharomyces pombe</i> chromosome II." Yeast 16:299-306	
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C93	PAUSHKIN et al., 2004, "Identification of a human endonuclease complex reveals a link between tRNA splicing and pre-mRNA 3' End Formation." Cell, 117:311-321	
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C96	SPALTMANN et al., 1999, "Computer-aided target selection - prioritizing targets for antifungal drug discovery." DDT, 4(1):17-26	
C97	STRYER, 1999, Chapter 5: Flow of Genetic Information, p. 96-97; Chapter 33: RNA Synthesis and Splicing, p. 860-864, Chapter 34: Protein Synthesis, p.875-880; in Biochemistry, 4 <sup>th</sup> edition, W.H. Freeman and Co., New York	
C98	WITKOWSKI, 1999, "Conversion of $\beta$ -ketoadsyl synthase to Malonyl Decarboxylase by Replacement of the Active-site Cysteine and Glutamine." Biochemistry, 38:11643-11650	
C99	YEAST Accession No: YLR105c; SEN2: <a href="http://www.yeastgenome.org/">http://www.yeastgenome.org/</a> , dated March 8, 2006	
C100	YEAST Accession No: YAR008w; SEN34 <a href="http://www.yeastgenome.org/">http://www.yeastgenome.org/</a> , " dated March 8, 2006	
C101	YEAST Accession No: YMR059w; SEN 15 <a href="http://www.yeastgenome.org/">http://www.yeastgenome.org/</a> dated March 8, 2006	
C102	YEAST Accession No: YPL083c; SEN34 " <a href="http://www.yeastgenome.org/">http://www.yeastgenome.org/</a> ," dated March 8, 2006	
C103	RESPONSE TO OFFICE COMMUNICATION REGARDING SEQUENCE DISCLOSURE AND PRELIMINARY AMENDMENT dated February 28, 2006, for U.S. Application No.: 10/884,695, filed July 2, 2004	
C104	REQUIREMENT Restriction/Election dated June 13, 2006 for U.S. Application No.: 10/884,695, filed July 2, 2004	
C105	RESPONSE to Requirement for Restriction/Election and Preliminary Amendment dated October 13, 2006 for U.S. Application No.: 10/884,695, filed July 2, 2004	
C106	NON-FINAL Rejection, dated December 21, 2006, for U.S. Application No.: 10/884,695, filed July 2, 2004	

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Examiner Initials	(Include name of the author (in CAPITAL LETTERS), Title, Date, Pertinent Pages, Etc.)	T
C107	AMENDMENT after non-final rejection, dated April 17, 2007, for U.S. Application No.: 10/884,695, filed July 2, 2004	
C108	NON-FINAL Rejection, dated July 13, 2007, for U.S. Application No.: 10/884,695, filed July 2, 2004	
C109	AMENDMENT after non-final rejection, dated November 13, 2007, for U.S. Application No.: 10/884,695, filed July 2, 2004	
C110	NON-FINAL Rejection, dated February 5, 2008, for U.S. Application No.: 10/884,695, filed July 2, 2004	
C111	AMENDMENT after non-final rejection, dated August 5, 2008, for U.S. Application No.: 10/884,695, filed July 2, 2004	
C112	DETAILED ACTION, dated December 1, 2008, for U.S. Application No.: 10/884,695, filed July 2, 2004	
C113	NOTICE of Abandonment, dated June 4, 2009, for U.S. Application No.: 10/884,695, filed July 2, 2004	
C114	PRELIMINARY Amendment, dated September 27, 2005, for U.S. Application No.: 10/551,304, filed May 18, 2006	
C115	REQUIREMENT for Restriction/Election, dated January 16, 2008, for U.S. Application No.: 10/551,304, filed May 18, 2006	
C116	RESPONSE to Requirement for Restriction/Election, dated July 15, 2008, for U.S. Application No.: 10/551,304, filed May 18, 2006	
C117	REQUIREMENT for Restriction/Election, dated November 25, 2008, for U.S. Application No.: 10/551,304, filed May 18, 2006	
C118	RESPONSE to Requirement for Restriction/Election, dated December 22, 2008, for U.S. Application No.: 10/551,304, filed May 18, 2006	
C119	NON-FINAL Rejection, dated March 17, 2009, for U.S. Application No.: 10/551,304, filed May 18, 2006	
C120	PRELIMINARY Amendment dated September 27, 2005, for PCT/US2004/009572-U.S. Application No.: 10/551,301 filed July 12, 2006	
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C122	REQUIREMENT for Restriction/Election, dated January 16, 2009, for U.S. Application No.: 10/551,301 filed July 12, 2006	
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C125	INTERNATIONAL Search Report, dated June 22, 2005 of PCT/US2004/009572, filed March 26, 2004	
C126	WRITTEN Opinion, dated June 22, 2005 of PCT/US2004/009572, filed March 26, 2004	
C127	INTERNATIONAL Preliminary Report on Patentability, dated November 11, 2005 of PCT/US2004/009572, filed March 26, 2004	
C128	EUROPEAN Search Report, dated July 23, 2007 of EP 1 613 158 published January 11, 2006	
C129	INTERNATIONAL Search Report, dated January 27, 2005 of PCT/US2004/009590, filed March 26, 2004	
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C133	INTERNATIONAL Search Report, dated April 24, 2007 of PCT/US2004/021334, filed July 2, 2004	
C134	WRITTEN Opinion, dated April 24, 2007 of PCT/US2004/021334, filed July 2, 2004	
C135	INTERNATIONAL Preliminary Report on Patentability, December 12, 2007 of PCT/US2004/021334, filed July 2, 2004	
C136	EUROPEAN Search Report, dated May 8, 2009 of EP 1 649 002 published April 26, 2006	
C137	INTERNATIONAL Search Report, dated June 9, 2005 of PCT/US2004/009574, filed March 26, 2004	
C138	WRITTEN Opinion, dated June 9, 2005 of PCT/US2004/009574, filed March 26, 2004	
C139	INTERNATIONAL Preliminary Report on Patentability, dated November 11, 2005 of PCT/US2004/009574, filed March 26, 2004	
C140	EUROPEAN Search Report, dated July 3, 2007 of EP 1 613 159 published January 11, 2006	
C141	EUROPEAN communication regarding possible amendment of claims/payment of fees, dated November 14, 2005, of EP 1 613 158, published January 11, 2006	
C142	REPLY to European communication before examination dated December 21, 2005, of EP 1 613 158, published January 11, 2006	
C143	EUROPEAN communication regarding transmission of search report, dated July 23, 2007, of EP 1 613 158, published January 11, 2006	
C144	EUROPEAN communication from the examining division, dated November 16, 2007, of EP 1 613 158, published January 11, 2006	
C145	REPLY to European communication from the examining division, dated May 15, 2008, of EP 1 613 158, published January 11, 2006	
C146	EUROPEAN communication from the examining division, dated July 15, 2008, of EP 1 613 158, published January 11, 2006	
C147	REPLY to European communication from the examining division, dated November 10, 2008, of EP 1 613 158, published January 11, 2006	
C148	EUROPEAN communication from the examining division, dated November 26, 2008, of EP 1 613 158, published January 11, 2006	
C149	REPLY to European communication from the examining division, dated January 26, 2009, of EP 1 613 158, published January 11, 2006	
C150	EUROPEAN communication regarding possible amendment of claims/payment of fees, dated Nov. 14, 2005, of EP 1 613 159, published January 11, 2006	
C151	EUROPEAN communication regarding transmission of search report, dated July 3, 2007, of EP 1 613 159, published January 11, 2006	
C152	EUROPEAN communication from the examining division, dated October 10, 2007, of EP 1 613 159, published January 11, 2006	
C153	REPLY to European communication from the examining division, dated April 21, 2008, of EP 1 613 159, published January 11, 2006	
C154	EUROPEAN communication from the examining division, dated August 5, 2008, of EP 1 613 159, published January 11, 2006	
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	C156	EUROPEAN communication from the examining division, dated December 17, 2008, of EP 1 613 159, published January 11, 2006	
	C157	REPLY to European communication from the examining division, dated June 26, 2009, of EP 1 613 159, published January 11, 2006	
	C158	EUROPEAN communication regarding possible amendment of claims/payment of fees, dated November 14, 2005, of EP 1 613 160, published January 11, 2006	
	C159	EUROPEAN communication regarding transmission of search report, dated July 23, 2007, of EP 1 613 160, published January 11, 2006	
	C160	EUROPEAN communication from the examining division, dated April 23, 2008, of EP 1 613 160, published January 11, 2006	
	C161	REPLY to European communication from the examining division, dated October 31, 2008, EP 1 613 160, published January 11, 2006	
	C162	EUROPEAN communication from the examining division, dated December 17, 2008, of EP 1 613 160, published January 11, 2006	
	C163	REPLY to European communication from the examining division, dated June 26, 2009, of EP 1 613 160, published January 11, 2006	
	C164	GENBANK Accession No.: M32336, "S.cerevisiae tRNA splicing endonuclease beta-subunit (SEN2) gene, complete cds." dated August 6, 1997	

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